Comparisons of Job Characteristics

Focus Occupation: Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091)
Associated Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Compare Knowledge
Compare Skills
Compare Abilities
Compare Detailed Work Activities
Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge — Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091)
Associated Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.2	12.2	<	Expanded education and/or training may be required
Production and Processing	6.0	10.3	9.8	0	Current knowledge level may be sufficient
Design	5.2	7.6	3.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills — Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091)
Associated Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.6	11.9	0	Current skill level may be sufficient
Quality Control Analysis	5.9	10.3	9.3	<	A higher skill level may be required
Operation and Control	5.4	9.6	10.3	0	Current skill level may be sufficient
Troubleshooting	4.5	9.0	7.9	<	A higher skill level may be required
Equipment Maintenance	3.5	8.8	9.1	0	Current skill level may be sufficient
Repairing	3.4	8.1	9.0	>	Skill level is likely sufficient
Equipment Selection	3.3	5.9	6.6	>	Skill level is likely sufficient

The maximum possible rating is 25.

Abilities — Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091)
Associated Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Control Precision	6.6	12.3	11.8	0	Current ability level may be sufficient
Selective Attention	8.7	11.2	9.3	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.0	9.5	<	Some improvement in abilities may be required
Auditory Attention	5.9	10.5	8.9	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	10.4	9.7	0	Current ability level may be sufficient
Finger Dexterity	7.6	10.2	10.3	0	Current ability level may be sufficient
Reaction Time	4.8	10.2	10.5	0	Current ability level may be sufficient
Multilimb Coordination	6.0	9.8	9.6	0	Current ability level may be sufficient
Rate Control	3.8	7.9	8.8	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Activities that Both Occupations Have in Common — Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091)
Associated Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Clean equipment or machinery	20
Load or unload material or workpiece into machinery	34
Maintain production or work records	19
Monitor production machinery/equipment operation to detect problems	27
Perform safety inspections in manufacturing or industrial setting	33
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Focus Occupation: Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091)

Associated Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.